

## ❑ Creating a Table

A table is a collection of a rows and columns. It is a two dimensional matrix, consisting of rows and columns. It is used to display data in a tabular form. All the table tags are included between the `<Table>..... </Table>` Tag.

### ❑ `<Table> .... </Table>` tag

This tag is used to create a table in HTML, Which contains the code for the content of the table itself. Inside the `<table>` tag a number of other tags are used which makes of the contents of the table.

### ✓ `<TR> .... </TR>` tag

This tag is used for creating rows.

### ✓ `<TH> ..... </TH>` tag

This tag is used for defining table heading.

✓ **<TD>** ..... **</TD>** tag

Table data / description are the values in the table itself and identified by **<TD>** tag.

✓ **<Caption>** ..... **</Caption>** tag

This tag is used to give the title of the table.

### ❑ **Table Attributes:**

- ✓ **Border:**It is used to mention border around the table. The border thickness is specified in pixels.
- ✓ **Width:**It sets the width to a specified number of pixels or to a percentage of the available screen width.
- ✓ **Align:**It places the table to the left, right or center.

## ❑ Table Attributes...

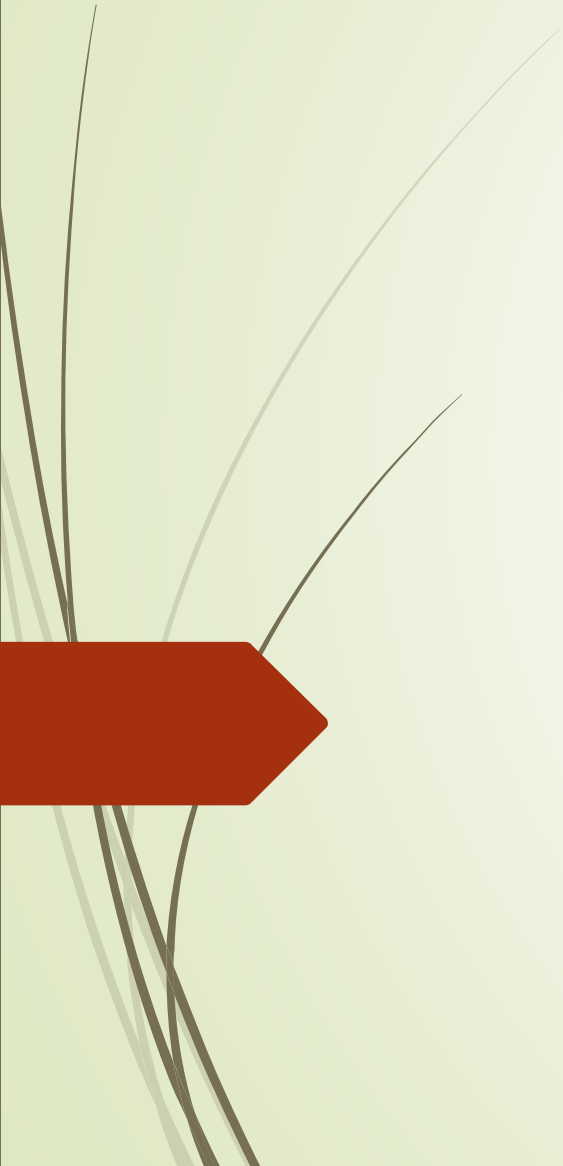
- ✓ **Bgcolor**: It allows setting the background color of any cell.
- ✓ **Colspan**: This attribute is placed inside the <TH> or <TD> tag. It can be set equal to the number of columns the cell is to occupy. This is useful when the number of columns in a row need to be merged.
- ✓ **Rowspan**: This attribute works as a colspan except it is used to merge rows.
- ✓ **Cellpadding**: Defines the distance between the border of each cell and its contents. The default value is 1.
- ✓ **Cellspacing**: Defines the distance between each cell of a table. The default value is 1

Syntax:

```
<Table border="value" width="value">
  <TR>
    <TH> Heading1 </TH>
    <TH> Heading2 </TH>
    .....
    .....

</TR>
<TR>
  <TD> DATA1 </TD>
  <TD> DATA2 </TD>
  .....
  .....

</TR>
</Table>
```



```
<html>
<Head>
<Title> Making Table </title>
</Head>
<Body>
```

```
  <table border = "2" width="50%">
```

```
    <tr>
```

```
      <th> S.no. </th>
```

```
      <th> Name </th>
```

```
      <th> Post </th>
```

```
      <th> Tel.No. </th>
```

```
    </tr>
```

```
    <tr>
```

```
      <td> 101 </td>
```

```
      <td> Pop Rai </td>
```

```
      <td> Manager</td>
```

```
      <td> 9852011111</td>
```

```
    </tr>
```

```
    <tr>
```

```
      <td> 102 </td>
```

```
      <td> Max Shrestha </td>
```

```
      <td> AssistantManager</td>
```

```
      <td> 9852022222</td>
```

```
    </tr>
```

```
  </table>
```

```
</body>
```

```
</html>
```

Example: 7

```
<html>
```

```
<Head>
```

```
<Title> Marksheet </Title>
```

```
</Head>
```

```
<Body>
```

```
<Table border = "2" align = "center" width = "50 %"
```

```
bgcolor = "Gold">
```

```
<TR align = center>
```

```
<TH colspan = 3> Marksheet </TH></tr>
```

```
<TR bgcolor = blue >
```

```
<TH> Name </TH>
```

```
<TH> Percentage </TH>
```

```
<TH> Division </TH>
```

```
</TR>
```

```
<TR>
```

```
<TD align = left> Govinda </TD>
```

```
<TD align = center> 90 </TD>
```

```
<TD align = center > 1st </TD>
```

```
</TR>
```

```
<TR>
```

```
<TD align = left> Asish </TD>
```

```
<TD align = center> 70 </TD>
```

```
<TD align = center> 1st </TD>
```

```
</TR>
```

```
<TR>
```

```
<TD align = left> Sarita </TD>
```

```
<TD align = center> 45 </TD>
```

```
<TD align = center>2nd </TD>
```

```
</TR>
```

```
</Table>
```

```
</body>
```

```
</html>
```

Example: 8



Output:

Marksheet		
Name	Percentage	Division
Govinda	90	1st
Asish	70	1st
Sarita	45	2nd

BCA		Students Profile		
		2018	2019	Total
Category	Boys	25	30	55
	Girls	7	5	12

Example



Code:

```
<html>
<head>
<title>table</title></head>
<body>
<table border="3" width="50%"align="center"
cellspacing="0">
<tr>
<th align="center" rowspan=2 colspan=2
<b>BCA</b></th>
<th colspan=3>Students Profile</th>
</tr>
<tr>
<td align=center>2018</td>
<td align=center>2019</td>
<td align=center>Total</td>
</tr>
```

Example

```
<tr>
<td rowspan=2
align=center>Category</td>
<td align="center">Boys</td>
<td align=center>25</td>
<td align=center>30</td>
<td align=center>55 </td>
</tr>
<tr>
<td align="center"> Girls</td>
<td align="center">7</td>
<td align="center">5</td>
<td align="center">12</td>
</tr>
</body>
</html>
```

# Self practice:

Routine			
Sunday	Monday	Break	Tuesday
WT	DSA		SAD
Java	Statistics		Math's

Example

	Average		Red_eyes
	Height	Weight	
Male	1.9	0.003	40%
Female	1.5	0.002	30%

## Example

```
<html>
<head>
<title>tb</title>
</head>
<body>
<h1>This is the test of rowspan and colspan</h1>
<table border="2" width="50%" cellspacing="0">
  <tr>
    <th rowspan="2"></th>
    <th colspan="2" align="center">Average</th>
    <th rowspan="2" align="center">Red_eyes</th>
  </tr>
  <tr>
    <th align="center">Height</th>
    <th align="center">Weight</th>
  </tr>
  <tr>
    <td>Male</td>
    <td align="center">1.9</td>
    <td align="center">0.003</td>
    <td align="center">40%</td>
  </tr>
  <tr>
    <td>Female</td>
    <td align="center">1.5</td>
    <td align="center">0.002</td>
    <td align="center">30%</td>
  </tr>
</table>
</body>
</html>
```